Composites/Manufacturing is a branch of Engineering Manufacturing that teaches students to design, create, and build various parts and equipment used in every day to improve the quality of life.

Composites 2 is the process of changing materials into useable products in a workplace or factory. This is an activity-oriented course for broad exploration of the Composites & Aerospace manufacturing industry. Students will explore hand and machine processes, fabricating, composite materials, and mass production techniques. Activities will incorporate problem solving, creative thinking, independent learning, group interactions and academic integration. Students will manufacturer their own projects write a R & D Project choose from the following areas Utah based companies, Methods of production, Projects, or Occupations.

### Topics Covered
- Precision Measuring
- Additive Manufacturing
- Vacuum Bagging
- Vacuum Infusion
- Mold Making
- Carbon Fiber Park Skinning
- Part Finishing

### Career Paths
- Aerospace Engineering
- Engineering Technician
- Industrial Engineering Technician
- Materials Engineer
- Mechanical Engineer
- CTE Teacher
- Mechanical Drafter
- Tool and Die Maker

### This course offers college credit through SUU

*Utah Aerospace Certification upon completion of Internship*

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